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Title of Invention: RING OVERLAY NETWORK
DEDICATED TO CARRY
BROADCAST TRAFFIC TO
DSLAMS
First Named Inventor: Albert Wan
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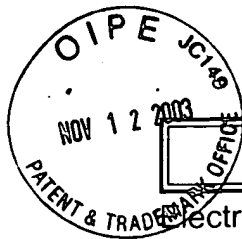


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| Title of Invention | RING OVERLAY NETWORK DEDICATED TO CARRY BROADCAST TRAFFIC TO DSLAMS | | | | | | | | | |
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| Application Number: 10/606160  | | | | | | | | | | |
| Date: 2003-06-25 | | | | | | | | | | |
| First Named Applicant: Albert Chungbor Wan | | | | | | | | | | |
| Confirmation Number: 3573 | | | | | | | | | | |
| Attorney Docket Number: 1033-T00517 | | | | | | | | | | |
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| <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Jeffrey G Toler Registered Number: 38342</td><td>Jeffrey G. Toler</td><td>Attorney</td></tr></tbody></table> | | | Submitted by: | Elec. Sign. | Sign. Capacity | Jeffrey G Toler Registered Number: 38342 | Jeffrey G. Toler | Attorney | | |
| Submitted by: | Elec. Sign. | Sign. Capacity | | | | | | | | |
| Jeffrey G Toler Registered Number: 38342 | Jeffrey G. Toler | Attorney | | | | | | | | |
| <table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>EIDS-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table> | | | Documents being submitted | Files | us-ids | EIDS-usidst.xml | | us-ids.dtd | | us-ids.xsl |
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| | us-ids.xsl | | | | | | | | | |
| Comments | | | | | | | | | | |



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

| Title of Invention | RING OVERLAY NETWORK DEDICATED TO CARRY BROADCAST TRAFFIC TO DSLAMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|------------|------------|----------------------|------|-------|----------|----------|------------|------|----------|------|-------|----------|--|---|---------|------------|---------------|--|--|--|--|---|---------|------------|--------------|--|--|--|--|---|---------|------------|---------------|--|--|--|--|---|---------|------------|----------------|--|--|--|--|---|---------|------------|-------------|--|--|--|--|---|---------|------------|--------------|--|--|--|--|---|---------|------------|---------------|--|--|--|--|---|---------|------------|----------------|--|--|--|--|---|---------|------------|---------------|--|--|--|--|----|---------|------------|----------------|--|--|--|--|----|---------|------------|----------------------|--|--|--|--|----|---------|------------|--------------|--|--|--|--|----|---------|------------|---------------|--|--|--|--|--|--|--|--|--|--|--|
| <p>Application Number: 10/606160 </p> <p>Confirmation Number: 3573</p> <p>First Named Applicant: Albert Wan</p> <p>Attorney Docket Number: 1033-T00517</p> <p>Art Unit: 2681</p> <p>Search string: (5048081 or 5369696 or 5602909 or 5610977 or 5764754 or 5768358 or 5903731 or 5915009 or 5918213 or 6002757 or 6005841 or 6021194 or 6047055 or 6055243 or 6085255 or 6097801 or 6192250 or 6389015 or 20010034627 or 20020032766 or 20020032797 or 20020032798 or 20020035639 or 20020038339 or 20030037029 or 20030086536).pn.</p> <h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>5048081</td><td>1991-09-10</td><td>Gavaras et al</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>5369696</td><td>1994-11-29</td><td>Krauss et al</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>5602909</td><td>1997-02-11</td><td>Carkner et al</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>5610977</td><td>1997-03-11</td><td>Williams et al</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5764754</td><td>1998-06-09</td><td>Ortel et al</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5768358</td><td>1998-06-16</td><td>Venier et al</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>5903731</td><td>1999-05-11</td><td>Vincent et al</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>5915009</td><td>1999-06-22</td><td>Williams et al</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>5918213</td><td>1999-06-29</td><td>Bernard et al</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>6002757</td><td>1999-12-14</td><td>Williams et al</td><td></td><td></td><td></td></tr><tr><td></td><td>11</td><td>6005841</td><td>1999-12-21</td><td>Kicklighter, Kevin C</td><td></td><td></td><td></td></tr><tr><td></td><td>12</td><td>6021194</td><td>2000-02-01</td><td>Begeja et al</td><td></td><td></td><td></td></tr><tr><td></td><td>13</td><td>6047055</td><td>2000-04-04</td><td>Carkner et al</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table> | | | | | | | init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | | 1 | 5048081 | 1991-09-10 | Gavaras et al | | | | | 2 | 5369696 | 1994-11-29 | Krauss et al | | | | | 3 | 5602909 | 1997-02-11 | Carkner et al | | | | | 4 | 5610977 | 1997-03-11 | Williams et al | | | | | 5 | 5764754 | 1998-06-09 | Ortel et al | | | | | 6 | 5768358 | 1998-06-16 | Venier et al | | | | | 7 | 5903731 | 1999-05-11 | Vincent et al | | | | | 8 | 5915009 | 1999-06-22 | Williams et al | | | | | 9 | 5918213 | 1999-06-29 | Bernard et al | | | | | 10 | 6002757 | 1999-12-14 | Williams et al | | | | | 11 | 6005841 | 1999-12-21 | Kicklighter, Kevin C | | | | | 12 | 6021194 | 2000-02-01 | Begeja et al | | | | | 13 | 6047055 | 2000-04-04 | Carkner et al | | | | | | | | | | | |
| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 5048081 | 1991-09-10 | Gavaras et al | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | 5369696 | 1994-11-29 | Krauss et al | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 5602909 | 1997-02-11 | Carkner et al | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 5 | 5764754 | 1998-06-09 | Ortel et al | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 7 | 5903731 | 1999-05-11 | Vincent et al | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 | 5915009 | 1999-06-22 | Williams et al | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Signature

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